Dropsonde Scientist

Flight ID_	Storm Dropsonde Scientist										
The lead	project scientist (LPS) on the P3 is responsible for determining the distribution										
rotterns for dropwindsonde releases. Predetermined desired data collection patterns are											
Illoratuated a	n the flight patterns. However, these patterns often are required to be affeled										
because of clearance problems etc. Operational procedures are contained in the operators											
manual On the G-IV the sole HRD person is designated the LPS. The following list contains											
more general supplementary procedures to be followed. (Check off or initial.)											
Preflight	D										
1.	Determine the status of the AVAPS and HAPS or workstation. Report results to										
	the LPS.										
2.	Confirm the mission and pattern selection with the LPS and assure that enough dropsondes are on board the aircraft.										
3.	Modify the flight pattern or drop locations if requested by AOC to accommodate changes in storm location or closeness to land.										
4.	Complete the appropriate preflight set-up and checklists.										
In-Flight											
1.	Operate the system as specified in the operator's manual.										
2.	Ensure the AOC flight director is aware of upcoming drops.										
3.	Ensure the AVAPS operator has determined that the dropsonde is (or is not) transmitting a good signal. Recommend if a backup dropsonde should be launched in case of failure.										
4.	Report the transmission of each drop and fill in the Dropwindsonde Scientist Log.										
Post flight											
1.	Complete Dropwindsonde Scientist Log.										
2.	Brief the LPS on equipment status and turn in completed forms, dropwindsonde										
	data tapes, DVDs, or CDs.										
	[Note: all data removed from the aircraft by HRD personnel should be cleared with the AOC flight director.]										
4.	Debrief at the base of operations.										
5.	Determine the status of future missions and notify MGOC as to where you can be contacted.										

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002

	N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)														
	Storm_												Page	\ of _c	2
	Flight ID 1196 Flight Director Henning Takeoff from HM											m HWC	at	1430	TC
	Mission IDU808DH AVAPS Operators Pate \ Recovery at KN											HNL	at _	GISS.	TC
	Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Li Mariana Carl	S	ST °C)	Eye, Eyewall, Rainband (direction)	Comments			Ob #	
	1	023959-1	240	1825	15645	1011.7	CUSTS	10			Envi	onnen	+/0	St 1	
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	3	0336M.7	239	1465	KUOZ	100/9	THE PROPERTY OF	16	(Eliza		m	d			OWINE
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7	5	035533.6	355	1494	KKK	943	Malin	18			0	3-15	WI	1 6	
7	8	0353525	354	1445	15394	927	16513	10	The series			T Ct	Me	- 7	
		0409,9,7	409	1949	15263	10055	135 30	(0)		mio				Sacre C	7
1	03	041602.8	416	1454	15268	10003	135/80	10		Cimbo	EN		Hdv	da 11	1
	q	OSUMSS ! I	504	1945	15214	1010.6	10/24/1	5		Galles 1	Cin			B	2
	10	054100,2	541	1632	15420	1081.8	10/27	10		0	End	DIN les		V	-
	11	0952413	552	1556	15426	AND ASSESSMENT OF THE PARTY OF	65/41	10	Clarities		m	COMPANIES DE L'ANGER MANGE	5	15	SAME TO SERVICE
	12	060601.4	605	1464	15426	GUU.	3) 1140	10			5W	N			6
	13	065750.5	(00子	1452	15423	9216	235 08	10			Cen	ter		r	50090
	14	060923,6	609	4NN1	15423	9524	21/105	10			EW	<	100 TO A STATE OF THE PARTY OF	18	
	15	060957,7	610	1438	15423	多 数是成份是	22/97	σı			EW	<u> </u>	Something of the second	79	
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	TT	063446,1	639	1976	15423	1009.7	CONTRACTOR OF THE	0			SUCCES MERHAPATATION	1er2		22	7
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0,,	8	10/1			((NA)		Mad	Show !					

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N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm_												9	
Flight ID 1114E Flight Director Heaning Takeoff from HA												Sutc	
Mission 10080800H1 AVAPS Operators Patal Recovery at HNL at 93													
Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Wind closest Pressure to surface			BT SST	Eye, Eyewall,	Comments		Ob #	
					(mb)	dir/spd (kt)	hgt (m)	(°¢)	Rainband (direction)				
18	06519612	(5)	1334	15312	1081	180/24	الم			end PW lex	ر : حر	M	
19	070614.3			15380			61			mid		25	
20	071457,4	715	1453	15425	9624	THE PARTY OF THE PERSON OF	1/2			EW SE		26	
21	071701,5	717	1455	15437	935.81	235/19	12			center	é	27	
25	071934,6	719	1442	15448	954.0	310/100	10			EW NW		28	
23	071956.7	720	1463	15449	944.3	NA				EWNW		29	
MC	073321.8	733	1533	15490	1005.9	NA	14			må		31	
25	074534,1	745	ison	15545	10098	25/26	10			and bez	> 2	32	
20	085608,1	850	1830	15680	1014,4	1,5 23	10		400000	clear arat	- altifule	33	
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